

ABSTRACT

In a method for processing brittle material, a laser light from a laser light source irradiates the brittle material and transports an irradiating position of the laser light along a predetermined line, wherein the laser light L from a plurality of laser light sources 11, 12 ... m1, m2 ... mn is irradiated simultaneously onto the surface of the brittle material W, and an irradiating range of the laser light, which is set to a predetermined shape, is moved over the surface of the brittle material. Furthermore, a plurality of optical wave guides 10 ... 10 that guide the laser light from the laser light sources 11, 12 ... m1, m2 ... mn to the brittle material are provided, and composite laser light L irradiates the surface of the brittle material, with these optical wave guides 10 ... 10 bundled together.